Single Channel Ground and Airborne Radio System (SINCGARS)

"C3I System Architect for the Digitized Army"
"Leading the Army into the Millenium"

PROJECT MANAGER TACTICAL RADIO COMMUNICATIONS SYSTEMS

MISSION

Provide commanders with a highly reliable, secure, easily maintained Combat Net Radio (CNR) with voice and data handling capability, in support of command and control operations.

DESCRIPTION AND SPECIFICATIONS

The **Single Channel Ground and Airborne Radio System (SINCGARS)**, with the Internet Controller, provides the communications link for the digitized force. SINCGARS configurations include manpack, vehicular (both low and high power), and air-borne models. Communications Security (COMSEC) is integrated in currently produced versions of the ground and airborne radios. The System Improvement Program (SIP) models provide upgrades to enhance operational capability in the tactical internet (TI) environment. The Advanced System Improvement Program (ASIP) models-of a reduced size and weight-provide further enhancements to operational capability in the TI environment.

ASIP SINCGARS Radio

ASIP dimensions:
Weight: 8.1 lb
Height: 3.4 in
Length: 10 in
Width: 5.4 in

FOREIGN COUNTERPART

United Kingdom: Racal; France: Thomson CSF;
Belgium: Marconi; Sweden: Ericsson.

FOREIGN MILITARY SALES

Bahrain, Finland, Greece, Italy, Kuwait, Morocco, Saudi Arabia, SHAPE Tech Center (NATO), Spain, Special Defense Acquisition Fund.

PROGRAM STATUS

The final production contract option for Army quantities was awarded in 2QFY98. The Army acquisition objective (AAO), at that time, of 227,619 Ground and Airborne radios has been met. Approximately 164,285 radios have been fielded. Technical and Customer Testing of the Advanced System Improved (ASIP) SINCGARS concluded in 1QFY99. The FY00-05 Budget Estimate Submission contains funding sufficient to complete the fieldings of the current ASIP SINCGARS on contract. Currently, the Signal Center at Fort Gordon is pursuing a Warfighter Rapid Acquisition Process (WRAP) initiative to integrate Global Positioning System (GPS) into the ASIP.

PROJECTED ACTIVITIES

2QFY99 - Begin delivery of ASIP radios, which will permit continuation of the VRC-12 series radio swap-out.
2QFY99 - 1QFY00 Fielding of the First Digitized Division (FDD) is expected to commence in 2QFY99 and conclude in 1QFY00.
FY01 - Expected completion of the VRC-12 series radio swap-out.

PRIME CONTRACTOR

ITT Industries (Fort Wayne, IN);
Engineering and Professional Services Inc, (Eatontown, NJ);
Nations, Inc, (Eatontown, NJ)

POINTS OF CONTACT

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